

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR HANDLING 32 BIT RESULTS FOR AN OUT-OF-ORDER PROCESSOR WITH A 64 BIT ARCHITECTURE

the specification of which (check one)

     is attached hereto.

X was filed on December 18, 2001 as United States Application Number 09/683,351

or PCT International Application Number                     

and was amended on                      (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, '119(a)-(d) or '365(b) of any foreign application(s) for patent or inventor's certificate, or '365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

|                                         |                                          |                                                      |                                |
|-----------------------------------------|------------------------------------------|------------------------------------------------------|--------------------------------|
| <u>00128490.0</u><br>(Number)           | <u>GERMANY</u><br>(Country)              | <u>23/DECEMBER/2000</u><br>Day/Month/Year Filed)     | <u>X</u> Yes <u>    </u> No    |
| <u>                    </u><br>(Number) | <u>                    </u><br>(Country) | <u>                    </u><br>Day/Month/Year Filed) | <u>    </u> Yes <u>    </u> No |
| <u>                    </u><br>(Number) | <u>                    </u><br>(Country) | <u>                    </u><br>Day/Month/Year Filed) | <u>    </u> Yes <u>    </u> No |

I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below.

|                                                     |                                              |
|-----------------------------------------------------|----------------------------------------------|
| <u>                    </u><br>(Application Number) | <u>                    </u><br>(Filing Date) |
| <u>                    </u><br>(Application Number) | <u>                    </u><br>(Filing Date) |

I hereby claim the benefit under 35 U.S.C. '120 of any United States Application(s), or '365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. '112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR '1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

|                                                         |                                              |                                                                        |
|---------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------|
| <u>                    </u><br>(Application Serial No.) | <u>                    </u><br>(Filing Date) | <u>                    </u><br>(Status) (patented, pending, abandoned) |
| <u>                    </u><br>(Application Serial No.) | <u>                    </u><br>(Filing Date) | <u>                    </u><br>(Status) (patented, pending, abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Manny W. Schecter (Reg. 31,722), Lauren C. Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Stephen C. Kaufman (Reg. 29,551), Robert M. Trepp (Reg. 25,933), Louis P. Herzberg (Reg. 41,500), Daniel P. Morris (Reg. 32,053), Paul J. Otterstedt (Reg. 37,411), Louis J. Percello (Reg. 33,206), Douglas W. Cameron (Reg. 31,596), Marian Underweiser (Reg. 46,134), Richard M. Ludwin (Reg. 33,010), Marc A. Ehrlich (Reg. 39,966), Robert P. Tassinari (Reg. No. 36,030), Derek S. Jennings (Reg. No. 41,473), Gail Zarick (Reg. 43,303) and Timothy M. Farrell (Reg. No. 37,321).

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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONSend Correspondence to: Derek S. Jennings, Intellectual Property Law Dept.IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598Direct Telephone Calls to: (name and telephone number) Derek S. Jennings - (914) 945-2144Petra Leber**Full name of sole or first inventor**P. Leber

Inventor's Signature

10.01.02

Date

Obere Str. 8, D-71263 Weil der Stadt, Federal Republic of Germany  
ResidenceGermany  
CitizenshipSame as above.  
Post Office AddressDr. Jens Leenstra**Full name of second joint-inventor, if any**Jens Leenstra

Inventor's signature

7-Jan. 2002

Date

Bruehlstr. 12, D-71149 Bondorf, Federal Republic of Germany  
ResidenceNetherlands  
CitizenshipSame as above.  
Post Office AddressWolfram Sauer**Full name of third joint-inventor, if any**W. Sauer

Inventor's signature

07.01.02

Date

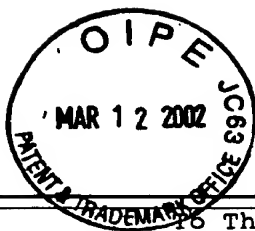
Breite Strasse 13, D-71154 Nufringen, Federal Republic of Germany  
ResidenceGermany  
CitizenshipSame as above.  
Post Office AddressDieter Wendel**Full name of fourth joint-inventor, if any**Dieter Wendel

Inventor's Signature

02/22/02

Date

Rilke Weg 12, D-71101 Schoenaich, Federal Republic of Germany  
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Post Office Address

**RECORDATION FORM COVER SHEET  
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To The Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Name of conveying party(ies):</b><br><br>Petra Leber<br>Dr. Jens Leenstra<br>Wolfram Sauer<br>Dieter Wendel<br><br><b>Additional name(s) of conveying party(ies) attached?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | <b>2. Name and address of receiving party(ies):</b><br><br>Name: International Business Machines Corporation<br>Address: New Orchard Road<br>Armonk, NY 10504<br>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>3. Nature of conveyance:</b><br><br><input checked="" type="checkbox"/> Assignment<br><br><b>Execution Date(s):</b> <u>January 10, 2002,</u><br><u>January 7, 2002, January 7, 2002,</u><br><u>February 22, 2002.</u>                                 | <b>4. Patent Application number(s)</b><br><br><u>09/683,351</u><br><br><b>Execution Date(s):</b> <u>January 10, 2002,</u><br><u>January 7, 2002, January 7, 2002,</u><br><u>February 22, 2002.</u>                                                                            |
| <b>5. Name and address of party to whom correspondence concerning document should be mailed:</b><br><br>Name: Derek S. Jennings<br>Address: IBM Corporation<br>Intellectual Property Law Dept.<br>P.O. Box 218<br>Yorktown Heights, NY 10598             | <b>6. Total number of applications involved:</b> 1<br><br><b>7. Total fee (37 CFR 3.41):</b> \$40.00<br><br><input checked="" type="checkbox"/> Charge to Deposit Account No.: <u>09-0468</u>                                                                                 |

**DO NOT USE THIS SPACE****8. Statement and signature.**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Derek S. Jennings (Reg. No. 41,473)

Name of Person Signing

Signature

March 1, 2002

Date

Total Number of pages including cover sheet,  
attachments, and document:

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**Assignment**

Whereas, we

INVENTOR  
AND CITY(1) Petra Leber  
D-71263 Weil der Stadt,of Obere Str. 8,  
Federal Republic of GermanyINVENTOR  
AND CITY(2) Dr. Jens Leenstra  
D-71149 Bondorf,of Bruehlstr. 12,  
Federal Republic of GermanyINVENTOR  
AND CITY(3) Wolfram Sauer  
D-71154 Nufringen,of Breite Strasse 13,  
Federal Republic of GermanyINVENTOR  
AND CITY(4) Dieter Wendel  
D-71101 Schoenaich,of Rilke Weg 12,  
Federal Republic of Germany

TITLE

have invented certain improvements in  
METHOD FOR HANDLING 32 BIT RESULTS FOR AN OUT-OF-ORDER  
PROCESSOR WITH A 64 BIT ARCHITECTUREDATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) 10 Jan. 2002, and (2) 7 Jan. 2002,  
(3) 7 Jan. 2002, and (4) 2002.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed


CITY AND  
DATE(1) at Weil der Stadt  
on 10 Jan. 2002,

 SIGNATURE  
( Petra Leber ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

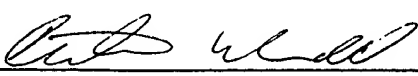
CITY AND  
DATE(2) at Boeblingen  
on 7 Jan. 2002,

 SIGNATURE  
( Dr. Jens Leenstra ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND  
DATE(3) at Böblingen  
on 07/10/102 2002,

 SIGNATURE  
( Wolfram Sauer ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND  
DATE(4) at Austin  
on 02/22/ 2002,

 SIGNATURE  
( Dieter Wendel ) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME